

WE CLAIM:

1. A transgenic plant produced from an edible plant by transforming the edible plant with a DNA encoding one or more proteins selected from physiologically active proteins of mammalian origin.

2. The transgenic plant of claim 1, wherein the physiologically active proteins of mammalian origin are mammalian cytokines.

3. The transgenic plant of claim 2, wherein the physiologically active proteins of mammalian origin are the proteins consisting of mammalian interferons, interleukins, hematopoietic factors, and growth factors.

4. The transgenic plant of claim 1, wherein the origin of the physiologically active proteins is human, bovine, porcine, mouse, or rat.

5. The transgenic plant of claim 1, wherein the edible plant is a plant that is edible without cooking or heating.

6. The transgenic plant of claim 1, wherein the edible plant is a plant of a family selected from the group consisting of Solanaceae, Apiaceae, Asteraceae, Brassicaceae, Cucurbitaceae, Rosaceae, Vitaceae, Ericaceae, Caricaceae, Fabaceae, Juglandaceae, and Chenopodiaceae.

7. The transgenic plant of claim 1, wherein the physiologically active protein(s) is contained in an edible tissue of said plant.

8. The transgenic plant of claim 1 in the form of a

tissue(s) isolated from the whole plant body, wherein the tissue(s) is one or more tissues selected from the group consisting of leaves, stems, roots, fruits, peels, buds, and petals.

9. The transgenic plant of claim 1, which is in a processed form obtainable by a process comprising one or more steps of cutting, peeling, pulverizing, squeezing, and extracting.

10. The transgenic plant of claim 1, which contains trehalose in or on the body of said transgenic plant.